學號:F74031166

姓名:戴子祐

UML:

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| Game |
| -\*candy\_b[10][10]=candy  -\*quit= QPushButton  -\*basic[10][10]= QPushButton  -sweet[12]= QString  -specials[18]= QString  -andytable[11][11]=char  -cleantarget[10][10]= int  -clicktime= int  -exchange= bool  -chocolate= bool  +x1=int  +y1=int  +x2=int  +y2=int  -\*p= QLabel |
| public:  <<constructor>>game(QWidget \*parent = 0);  <<destructor>>~*game*();  +check()=bool  +generate()=void  +fall()=void  +showcandy()=void  +clean()=void  +checkchange()=bool  +change()=void  +deletearr()=void  +Click(int nx, int ny)= void |

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| Candy |
| +spec= int  +pos\_x,pos\_y= int  +btt=QChar |
| <<constructor>>+candy()  <<destructor>>+~*candy*()=virtual  *+setbutton*(int x , int y , const QChar &tt)=virtual void  +*getspec*()=virtual int  +*cleanc*()=virtual void;  +value(int x,int y)= void |

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| Candy1 |
| +spec= int  +pos\_x,pos\_y= int  +btt=QChar |
| <<constructor>>+candy()  <<destructor>>+~*candy*()=virtual  *+setbutton*(int x , int y , const QChar &tt)=virtual void  +*getspec*()=virtual int  +*cleanc*()=virtual void; |

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| Candy2 |
| +spec= int  +pos\_x,pos\_y= int  +btt=QChar |
| <<constructor>>+candy()  <<destructor>>+~*candy*()=virtual  *+setbutton*(int x , int y , const QChar &tt)=virtual void  +*getspec*()=virtual int  +*cleanc*()=virtual void; |

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| Candy3 |
| +spec= int  +pos\_x,pos\_y= int  +btt=QChar |
| <<constructor>>+candy()  <<destructor>>+~*candy*()=virtual  *+setbutton*(int x , int y , const QChar &tt)=virtual void  +*getspec*()=virtual int  +*cleanc*()=virtual void; |

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| Candy4 |
| +spec= int  +pos\_x,pos\_y= int  +btt=QChar |
| <<constructor>>+candy()  <<destructor>>+~*candy*()=virtual  *+setbutton*(int x , int y , const QChar &tt)=virtual void  +*getspec*()=virtual int  +*cleanc*()=virtual void; |

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| Candy5 |
| +spec= int  +pos\_x,pos\_y= int  +btt=QChar |
| <<constructor>>+candy()  <<destructor>>+~*candy*()=virtual  *+setbutton*(int x , int y , const QChar &tt)=virtual void  +*getspec*()=virtual int  +*cleanc*()=virtual void; |

簡介:

這次的candycrush必須使用到多型

我的多形用在普通糖果及特殊糖果的製造

每顆糖果擁有不同顏色及效果

做的是10\*10的版面

圖:

